

a motor connected to said motor control circuit for moving a barrier at a speed determined from the pulse signal;

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a detector for determining a physical characteristic of the movable barrier; and

a controller for controlling the generation pulses in the pulse signal, the pulses of the pulse signal being controlled to vary a speed of the motor linearly from an initial speed to an adjusted speed based on the determined physical characteristic.

42. (Amended) A motor control according to claim 32 wherein the detector comprises apparatus for determining the size of the barrier to be moved and the controller controls the generation of pulses in accordance with the determined size.

43. (Amended) A motor control according to claim 32 wherein the detector comprises apparatus for detecting a maximum length of barrier travel and the controller controls the generation of pulses in accordance with the detected maximum length.

✓ Please add the following new claim.

44. (New) A motor control for a movable barrier operator, comprising:
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a circuit for providing a pulse signal comprising a series of pulses;
a motor control circuit responsive to the pulse signal, for starting the motor and for determining the direction of rotation of the motor output shaft;
a motor connected to said motor control circuit for moving a barrier at a speed determined from the pulse signal;
a detector for detecting a predetermined characteristic relating to movement of the movable barrier including detecting the size of the barrier to be moved; and
a controller for controlling the generation pulses in the pulse signal, the pulses of the pulse signal being controlled to vary a speed of the motor linearly from an initial speed to an adjusted speed in accordance with the detected size.
